

Date 5-1-2013Inspection Crew GreenwoodWatchman Billard

1 Location \_\_\_\_\_

2 Switch I.D. # 124 1B3 Facing ✓ Trailing \_\_\_\_\_**Rail Points**4 Point to Point 51

5 Point Condition

S Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, Min 3 1/2 inches on house top point protectedN 4 3/8R 4 7/8

6a Point Opening

N 5 3/8R 5 3/8

7 Fit

S Y R

8 General Condition of the Points

S Y R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 3/811 Gage ahead of Bend 56 9/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_**Remarks on page 3**

GMJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_

37 Locks

Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # 124-1B

51 Facing \_\_\_\_\_ Trailing \_\_\_\_\_

52 Frog Tread N S Y R  
R S Y R53 Frog # 10

54/79 Point Condition

S Y R

55 Condition of Frog

S Y R

56 Surface of Frog

S Y R57 Throat in Inches 3 3/872 Flangeway Depth 2 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 5/8**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 1/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 1/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

S Y R

63 Location of Guard Rail (Relation to Point)

S Y R

Guard Rail Clamps

64 Main Track

S Y R N/A

65 Turnout Track

S Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

S Y R N/A

67 Rail Movement

S Y R N/ATie Plates

68 Lead

S Y R N/A

69 Guard Rail Flangeway

S Y R N 1 3/8 R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing N/A79 Washers Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_ N/A

80 Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**Ok Difference 1/4"

84 Condition of Line thru entire turnout

S Y R



Remarks

Page 3 of 3

Rail Alignment at guard rail 3/8" out

Switch inspection complete

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

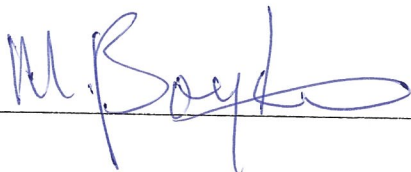
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

5-4-13

11-10-2011





**Mainline****Switch Inspection Report Semi-Annual**

WO# 1043469

Page 1 of 3

Date 5-1-2013Inspection Crew Greenwood - NelsonWatchman B. H. Haid

1 Location \_\_\_\_\_

2 Switch I.D. # 124 3B3 Facing ✓ Trailing \_\_\_\_\_**Rail Points**4 Point to Point 51 1/2

5 Point Condition

S Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, Min 3 1/2 inches on house top point protected

N 4 3/4 R 4 3/4

6a Point Opening

N 5 R 5

7 Fit

S Y R

8 General Condition of the Points

S Y R

**Gage**

Heel of Switch

9 Main 56 9/1610 Turnout 56 11/1611 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 3/8**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R

**Bolts**

16 Loose \_\_\_\_\_ N/A

17 Missing \_\_\_\_\_ N/A

**Rivets (Huck Bolts)**

18 Loose \_\_\_\_\_ N/A

19 Missing \_\_\_\_\_ N/A

20 Cotter Pins Missing \_\_\_\_\_ N/A

21 Jam Nuts Loose \_\_\_\_\_ N/A

21a Washers Ok \_\_\_\_\_ Broken \_\_\_\_\_ Missing \_\_\_\_\_

**Remarks on page 3**

GM JC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_

37 Locks

Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R N/A





50 Location \_\_\_\_\_

50a Switch I.D. # 124-3651 Facing Trailing52 Frog Tread N S Y RR S Y R53 Frog # 10

54/79 Point Condition

S Y R

55 Condition of Frog

S Y R

56 Surface of Frog

S Y R57 Throat in Inches 3 3/872 Flangeway Depth 2 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/859 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/2 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

S Y R

63 Location of Guard Rail (Relation to Point)

S Y RGuard Rail Clamps

64 Main Track

S Y R N/A

65 Turnout Track

S Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

S Y R N/A

67 Rail Movement

S Y R N/ATie Plates

68 Lead

S Y R N/A

69 Guard Rail Flangeway

S Y R N 1 3/8 R 1 3/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/ABolts73 Loose 1 N/A

74 Missing \_\_\_\_\_ N/A

Rivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing N/A79 Washers Ok Broken \_\_\_\_\_ Missing \_\_\_\_\_ N/A

80 Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**Ok Difference 1/8"

84 Condition of Line thru entire turnout

S Y R



Remarks

Page 3 of 3

1 Loose Bolt on Frog

switch inspection complete

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

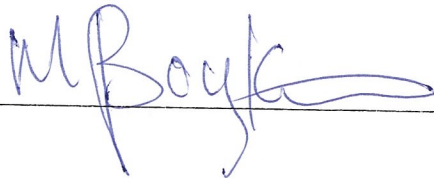
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

5-1-13

11-10-2011



Mainline Switch Inspection Report Semi-Annual

WO# 1066576

Page 1 of 3

Date 5/13/13

Inspection Crew

T. SCHISLER G. LAM

Watchman W. BRYANT

1 Location BALTO. HIGHLANDS

2 Switch I.D. # 208 1A

3 Facing X Trailing

Rail Points

4 Point to Point 51 1/4

5 Point Condition

S Y R

6 Point Throw, Nothing less than 4 inches or greater than 5 inches.  
N 4 3/4 R 4 3/4 Min 3 1/2 inches on house top point protected

6a Point Opening

N 5 1/4 R 5 1/4

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 1/2

10 Turnout 56 1/2

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/4

Stock Rail

14 Bend

S Y R

15 Condition

S Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers Ok Broken Missing

Remarks on page 3

GNF IC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_

Trailing

52 Frog Tread N ☒ Y ☐ RR ☒ Y ☐ R53 Frog # 10

54/79 Point Condition

☒ Y ☐ R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/2 R 54 1/2**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R ☐ N/A

65 Turnout Track

☒ Y ☐ R ☐ N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R ☐ N/A

67 Rail Movement

☒ Y ☐ R ☐ N/ATie Plates

68 Lead

☒ Y ☐ R ☐ N/A

69 Guard Rail Flangeway

☒ Y ☐ R ☐ N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☐ R ☐ N/A

71 Frog Plates

☒ Y ☐ R ☐ N/ABolts

73 Loose

☐ 0 N/A

74 Missing

☐ 0 N/ARivets (Huck)

75 Loose

☐ 0 N/A

76 Missing

☐ 0 N/A

77 Nuts Missing

☐ 0 N/A

78 Cotter Pins Missing

☐ 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☐ R ☐ N/A

81 Spring Housing

☐ Y ☐ R ☒ N/A

82 Derails

☐ Y ☐ R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y ☐ R





Remarks

Page 3 of 3

EAST STRAIGHT POINT SHELLING

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schisler Date: 5/20/13

11-10-2011



MainlineSwitch Inspection Report Semi-AnnualWO# 1066578

Page 1 of 3

Date 5/13/13Watchman W BRYANTInspection Crew T SCHISLER GLAM1 Location BALTO HIGHLANDS2 Switch I D. # 208 1B3 Facing TrailingRail Points4 Point to Point 51 1/8

5 Point Condition

☒ S ☐ Y ☐ R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.  
N 4 1/2 R 4 1/2 Min 3 1/2 inches on house top point protected

6a Point Opening

N 5 R 5

7 Fit

☒ S ☐ Y ☐ R

8 General Condition of the Points

☒ S ☐ Y ☐ RGage

Heel of Switch

9 Main 56 3/410 Turnout 56 1/211 Gage ahead of Bend 56 1/2Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

☒ S ☐ Y ☐ R

15 Condition

☒ S ☐ Y ☐ RBolts16 Loose ☐ N/A17 Missing ☐ N/ARivets (Huck Bolts)18 Loose ☐ N/A19 Missing ☐ N/A20 Cotter Pins Missing ☐ N/A21 Jam Nuts Loose ☐ N/A21a Washers ☒ Broken ☐ MissingRemarks on page 3

GME IC 11-10-2011

22 Standard Joints

☒ S ☐ Y ☐ R N/A

23 Switch Plates

☒ S ☐ Y ☐ R

24 Adjustable Braces

☒ S ☐ Y ☐ R N/A

24a Non-Adjustable Braces

☐ S ☐ Y ☒ R N/ASwitch Rods

25 Front Rod

☒ S ☐ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ S ☐ Y ☐ R

27 #2 Rod

☒ S ☐ Y ☐ R

28 #3 Rod

☒ S ☐ Y ☐ R N/A

29 #4 Rod

☒ S ☐ Y ☐ R N/A

30 Closure Rail

☒ S ☐ Y ☐ R

31 Surface of Switch

☒ S ☐ Y ☐ RUsing a 62' cord, not over1" to 1 1/2" for a Y and nomore than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out  
of Service

32 Head Block Ties

☒ S ☐ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

☒ Ok ☐ Dry

35 Switch Targets/Lamps

Ok ☐ Missing ☒ N/A

36 Latches

☒ Ok ☐ Broken ☐ Missing

37 Locks

☒ Ok ☐ Broken ☐ Missing

38 General Condition

☒ S ☐ Y ☐ R

39 Insulated Joints

☒ S ☐ Y ☐ R

39a Regular Joints

☒ S ☐ Y ☐ R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_

Trailing

52 Frog Tread N ☒ Y RR ☒ Y R

53 Frog # 10

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R

57 Throat in Inches 3 1/4

72 Flangeway Depth 2 1/8

**Flangeway Depth must not be less than 1 1/2"**Gage

58 Main Track 56 3/4

59 Turnout Track 56 7/8

**Gage must not be less than 56" any class**Guard Rails

60 Guard Rail Gage N 54 3/4 R 54 7/8

**Guard Rail Gage must more than 54 3/8"**

61 Back To Back N 52 3/4 R 52 7/8

**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts

73 Loose

☐

N/A

74 Missing

☐

N/A

Rivets (Huck)

75 Loose

☐

N/A

76 Missing

☐

N/A

77 Nuts Missing

☐

N/A

78 Cotter Pins Missing

☐

N/A

79 Washers ☒ Broken ☐ Missing ☐ N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y R





Remarks

Page 3 of 3

NO NEW DEFECTS

INSPECTION Completed

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schish

Date: 5/20/13

11-10-2011



**Mainline****Switch Inspection Report Semi-Annual**WO# 1048599

Page 1 of 3

Date 5/13/13Inspection Crew T. SCHISLER G. LAMWatchman W. BRYANT1 Location HAMBURG2 Switch I D # 42 3B3 Facing Trailing X**Rail Points**4 Point to Point S 3/4

5 Point Condition

(S) Y R

6 Point Throw. Nothing less than 4 inches or greater than 5 inches.  
N 4 1/2 R 4 1/4

6a Point Opening

N 4 7/8 R 4 13/16

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 1/211 Gage ahead of Bend 56 5/8**Must not be less than 56 inches or more than 57 inches for "S"**

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

(S) Y R

15 Condition

(S) Y R

**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A

21a Washers (OK) Broken Missing

**Remarks on page 3**

GNFIC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)

**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

**Using a 62' cord, not over****1" to 1 1/2" for a Y and no****more than 1 1/2" to 1 3/4"****For a R, Great than 13/4" is Out of Service**

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(OK) Broken Missing

37 Locks

(OK) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_

Trailing \_\_\_\_\_

52 Frog Tread N ☒ Y ☐ RR ☒ Y ☐ R

53 Frog # 8

54/79 Point Condition

☒ Y ☐ R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 1/272 Flangeway Depth 2 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 1/2 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R ☐ N/A

65 Turnout Track

☒ Y ☐ R ☐ N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to  
Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R ☐ N/A

67 Rail Movement

☒ Y ☐ R ☐ N/ATie Plates

68 Lead

☒ Y ☐ R ☐ N/A

69 Guard Rail Flangeway

☒ Y ☐ R ☐ N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☐ R ☐ N/A

71 Frog Plates

☒ Y ☐ R ☐ N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☐ R ☐ N/A

81 Spring Housing

☐ Y ☐ R ☒ N/A

82 Derails

☒ Y ☐ R ☐ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to  
50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y ☐ R



Remarks

Page 3 of 3

POINT STARTING TO SNELL

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: Thomas J Schisler Date: 5/20/13

11-10-2011





MainlineSwitch Inspection Report Semi-AnnualWO# 1048593Page 1 of 3Date 5/13/13Watchman W BRYANTInspection Crew T. SCHISLER G. LAM1 Location HAMBURG2 Switch I D # 42 1A3 Facing X TrailingRail Points4 Point to Point 51 3/8

5 Point Condition

S Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.  
N 4 1/8 R 4 1/2

6a Point Opening

N 4 1/8 R 4 7/8

7 Fit

S Y R

8 General Condition of the Points

S Y RGage

Heel of Switch

9 Main 56 1/210 Turnout 56 1/211 Gage ahead of Bend 56 1/2Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

S Y R

15 Condition

S Y RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers OK Broken MissingRemarks on page 3

GNFIC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/ASwitch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y RUsing a 62' cord, not over1" to 1 1/2" for a Y and nomore than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out

of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

OK Broken Missing

37 Locks

OK Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_ Trailing \_\_\_\_\_

52 Frog Tread N ☒ Y R  
R ☒ Y R53 Frog # 8

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 3/872 Flangeway Depth 2 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 3/8**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to  
Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to  
50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y R



Remarks

Page 3 of 3

POINT SHOWING THE START OF SHELLING

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service

N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schick

Date: 5/20/13

11-10-2011





**Mainline****Switch Inspection Report Semi-Annual**WO# 1656009

Page 1 of 3

Date 5/13/13Watchman W BRYANTInspection Crew T SCHISLER GLAM1 Location WEST BRT2 Switch I.D. # 115-3A3 Facing Trailing**Rail Points**4 Point to Point 5 1/4

5 Point Condition

☒ Y ☐ R

6 Point Throw, Min 3 1/2 inches on house top point protected

N 4 1/2 R 4 1/2

6a Point Opening

N 5 R 5

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R**Gage**

Heel of Switch

9 Main 56 3/810 Turnout 56 3/811 Gage ahead of Bend 56 5/8

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R**Bolts**16 Loose ☐ N/A17 Missing ☐ N/A**Rivets (Huck Bolts)**18 Loose ☐ N/A19 Missing ☐ N/A20 Cotter Pins Missing ☐ N/A21 Jam Nuts Loose ☐ N/A21a Washers ☒ Broken ☐ Missing**Remarks on page 3**

GMJC 11-10-2011

22 Standard Joints

☒ Y ☐ R ☐ N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R ☐ N/A

24a Non-Adjustable Braces

☒ Y ☐ R ☒ N/A**Switch Rods**

25 Front Rod

☒ Y ☐ R ☐ N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R ☐ N/A

29 #4 Rod

☒ Y ☐ R ☐ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok ☐ Missing ☒ N/A

36 Latches

☒ Ok ☐ Broken ☐ Missing

37 Locks

☒ Ok ☐ Broken ☐ Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R



MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_

52 Frog Tread N \_\_\_\_\_ Trailing  
R \_\_\_\_\_ (S) Y R  
(S) Y R53 Frog # 8

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 3 3/872 Flangeway Depth 2 1/4

Flangeway Depth must not be less than 1 1/2"

Gage58 Main Track 56 3/459 Turnout Track 56 5/8

Gage must not be less than 56" any class

Guard Rails60 Guard Rail Gage N 54 7/8 R 54 5/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 7/8 R 52 5/8

Back to Back Gage must be less than 53 1/8"

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to  
Class 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 7/8 R 1 7/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers (Ok) Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to  
50' beyond the last long tie

(Ok) Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

(S) Y R



**Remarks**

**Page 3 of 3**

EAST STRAIGHT POINT SHELL  
WEST STRAIGHT RAIL SHELL

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.  
S Everything is in Specs.  
Y Attention needed.  
R Immediate attention needed or Out of Service.  
N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schick Date: 5/20/13

11-10-2011



MainlineSwitch Inspection Report Semi-AnnualWO# 1056076

Page 1 of 3

Date 5/13/13Inspection Crew T. SCHWISLER G. LANWatchman W. BRYANT1 Location WESTPORT2 Switch I.D. # 115 1B3 Facing X TrailingRail Points4 Point to Point 5 1/4

5 Point Condition

☒ S ☐ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, Min 3 1/2 inches on house top point protected

N 4 3/4 R 4 3/4

6a Point Opening

N 5 1/8 R 5 1/4

7 Fit

☒ S ☐ Y ☐ R

8 General Condition of the Points

☒ S ☐ Y ☐ RGage

Heel of Switch

9 Main 56 1/410 Turnout 56 1/211 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

☒ S ☐ Y ☐ R

15 Condition

☒ S ☐ Y ☐ RBolts16 Loose ☒ N/A17 Missing ☒ N/ARivets (Huck Bolts)18 Loose ☒ N/A19 Missing ☒ N/A20 Cotter Pins Missing ☒ N/A21 Jam Nuts Loose ☒ N/A21a Washers ☒ Broken MissingRemarks on page 3

GVF IC 11-10-2011

22 Standard Joints

☒ S ☐ Y ☐ R N/A

23 Switch Plates

☒ S ☐ Y ☐ R

24 Adjustable Braces

☒ S ☐ Y ☐ R N/A

24a Non-Adjustable Braces

☒ S ☐ Y ☐ R N/ASwitch Rods

25 Front Rod

☒ S ☐ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ S ☐ Y ☐ R

27 #2 Rod

☒ S ☐ Y ☐ R

28 #3 Rod

☒ S ☐ Y ☐ R N/A

29 #4 Rod

☒ S ☐ Y ☐ R N/A

30 Closure Rail

☒ S ☐ Y ☐ R

31 Surface of Switch

☒ S ☐ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out

of Service

32 Head Block Ties

☒ S ☐ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Ok Broken Missing

37 Locks

☒ Ok Broken Missing

38 General Condition

☒ S ☐ Y ☐ R

39 Insulated Joints

☒ S ☐ Y ☐ R

39a Regular Joints

☒ S ☐ Y ☐ R





MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_

Trailing

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 8

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/272 Flangeway Depth 2 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 7/1659 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 1/16 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to  
Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R ☒ N/A

82 Derails

☒ Y R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to  
50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y R



Remarks

Page 3 of 3

JUST STARTING TO FIT ON FROG POINT  
1/8" GAP STRAIGHT POINT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schisler

Date: 5/20/13

11-10-2011



Date 5/13/13

Inspection Crew T. SEHISLER GLAY

Watchman W. BRYANT

1 Location West Port

2 Switch I.D. # 115-313

3 Facing \_\_\_\_\_ Trailing X

**Rail Points**

4 Point to Point 51 3/8

5 Point Condition

☒ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 1/2 R 4 1/2

6a Point Opening

N 4 7/8 R 4 7/8

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R**Gage**

Heel of Switch

9 Main 56 3/8

10 Turnout 56 5/8

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/4

**Stock Rail**

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R**Bolts**

16 Loose 0 N/A

17 Missing 0 N/A

**Rivets (Huck Bolts)**

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers ☒ Broken \_\_\_\_\_ Missing \_\_\_\_\_**Remarks on page 3**

GMJC 11-10-2011

22 Standard Joints

☒ Y ☐ R ☐ N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R ☐ N/A

24a Non-Adjustable Braces

☒ Y ☐ R ☒ N/A**Switch Rods**

25 Front Rod

☒ Y ☐ R ☐ N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R ☐ N/A

29 #4 Rod

☒ Y ☐ R ☐ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken \_\_\_\_\_ Missing \_\_\_\_\_

37 Locks

☒ Broken \_\_\_\_\_ Missing \_\_\_\_\_

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R



50 Location \_\_\_\_\_

50a Switch I.D. # \_\_\_\_\_

51 Facing \_\_\_\_\_ Trailing \_\_\_\_\_

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 8

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 3/872 Flangeway Depth 2 1/16**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/2 R 54 3/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R ☒ N/A

82 Derails

☒ Y R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to  
50' beyond the last long tie**☒ Difference \_\_\_\_\_

84 Condition of Line thru entire turnout

☒ Y R





Remarks

Page 3 of 3

NO NEW DEFECTS

INSPECTION Complete

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.  
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: Thomas J. Schisler Date: 5/20/13

11-10-2011

